

FENCE SPECIFICATION

FENCING TYPE: ROLL TOP®

FENCING

- Manufacturer: Betafence Limited Woodhouse Lane, Wigan, Lancashire WN6 7NS
Tel: 0870 120 3252 Fax: 0870 120 3242
E-mail: sales.wigan@betafence.com Web: www.betafence.com
- All materials and installation to be covered by a 10year BEKassure Guarantee and to be subject to an inspection by an independent auditor on completion of works. Licenced contractor to supply and install fencing (as indicated on drawing no

- PANELS: ROLL TOP**
 - Nominal Height: 1800mm
 - Width panels: 3000mm
 - Mesh and wire: Welded mesh spacing 50mm vertical x 150mm horizontal x 5mm wire diameter. Panel incorporates 'Rolled' beam profile spanning horizontally across the top and bottom of the panel. Galvanised & polyester powder coated Green RAL6005.
- POSTS: SENTINEL TWILFIX 2000 RHS**
 - Galvanised rectangular hollow section 60 x 60 x 2.0mm, with M8 threaded inserts fitted in the front face, complete with black coated Universal fixing brackets and M8 x 35 Countersunk Trilobe tamper proof bolts, posts polyester powder coated Green RAL6005 / Black RAL9005.
 - Post centres: 3025mm.
- OTHER:**
 - Method of setting posts: In concrete foundations to comply with the design loading requirements specified by manufacturers technical specifications for this category of fence.
 - Conformity:
 - Roll Top satisfies the requirements for Category: 1 (General Purpose) and Category: 2 (Security) fences as prescribed by B.S. 1722 Part: 14 - Open Mesh Steel Panel Fences
 - Upon receipt on site, or during storage off site, all care to be taken to ensure that no damage is incurred and that all precautions are taken against vandalism or theft.
 - Materials and installation to be covered by a 10year BEKassure Guarantee.
 - Subject to an inspection by an independent auditor on completion of works.

INSTALLATION

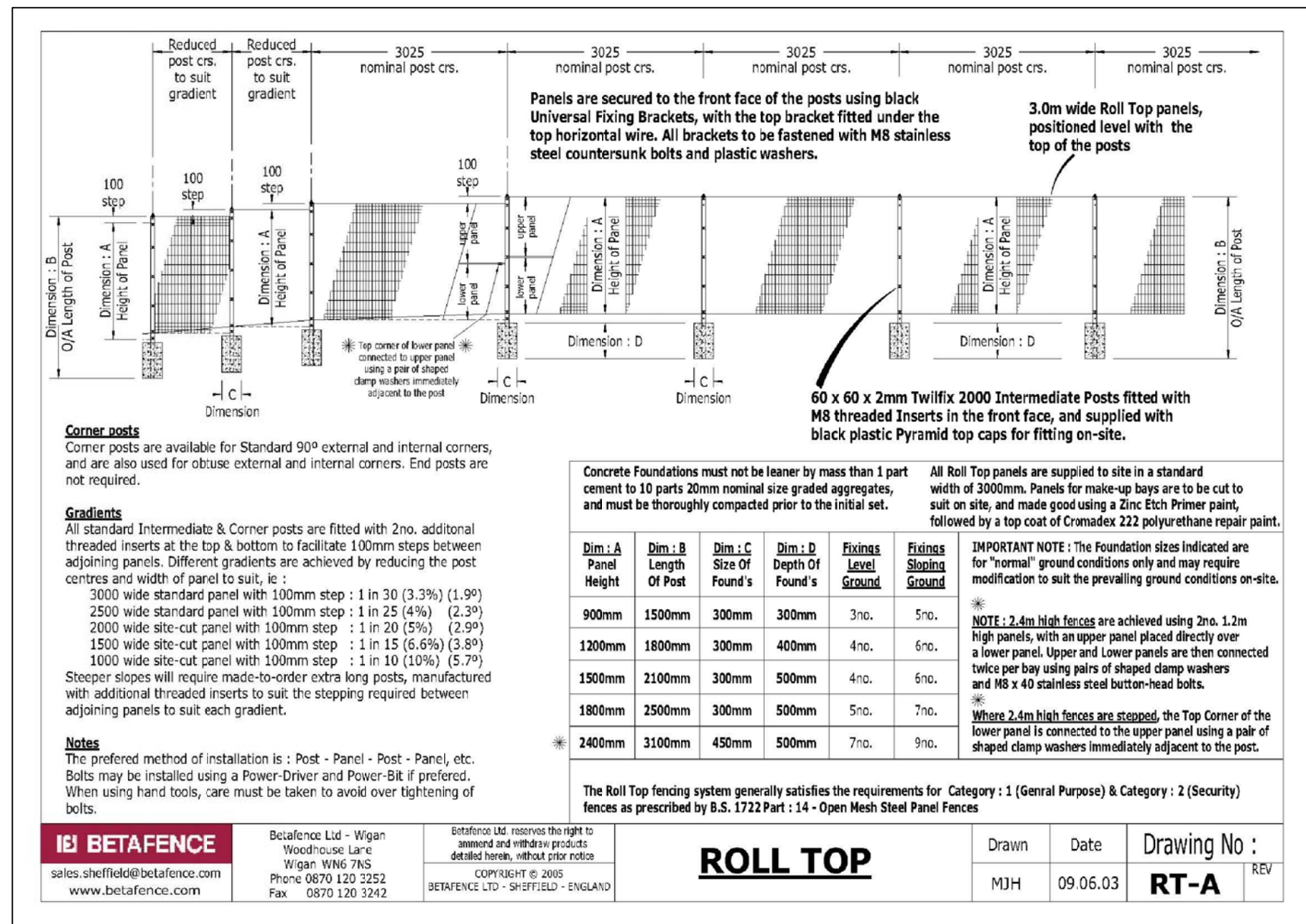
- Set out and erect fencing:
 - As shown on drawings.
 - Gradients
 - Different gradients are achieved by stepping adjoining panels and/or reducing the post centres and width of panel giving a maximum gradient of 1 in 10 (10%).
 - Steeper slopes will require extra long posts, manufactured with additional threaded inserts.
 - With posts set rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
 - Panels that are cut on site are to be made good using a zinc-etch primer paint, followed by a top coat of Cromadex 222 polyurethane repair paint.
 - With correct fixings and all components securely fixed.

COMPETENCE

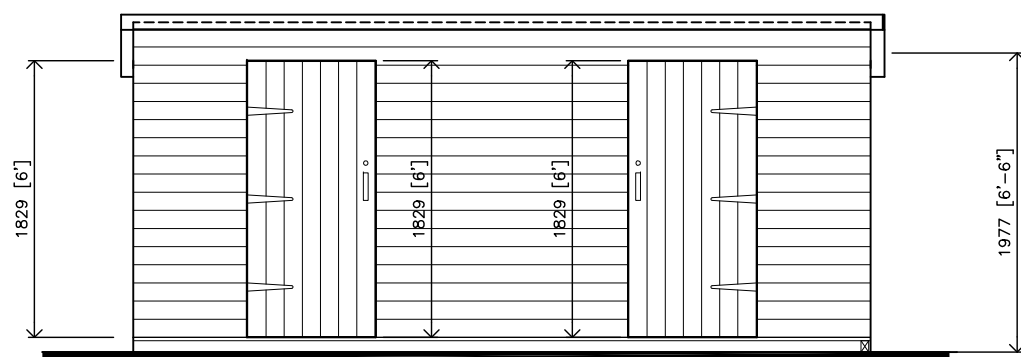
- The contractor shall employ experienced installers and provide qualified supervision to complete works as specified by manufacturer's technical specifications for this category of fence.
- For information contact: Betafence Limited Woodhouse Lane, Wigan, Lancashire WN6 7NS Tel: 0870 120 3252 Fax: 0870 120 3242 E-mail: sales.wigan@betafence.com

SETTING POSTS IN CONCRETE

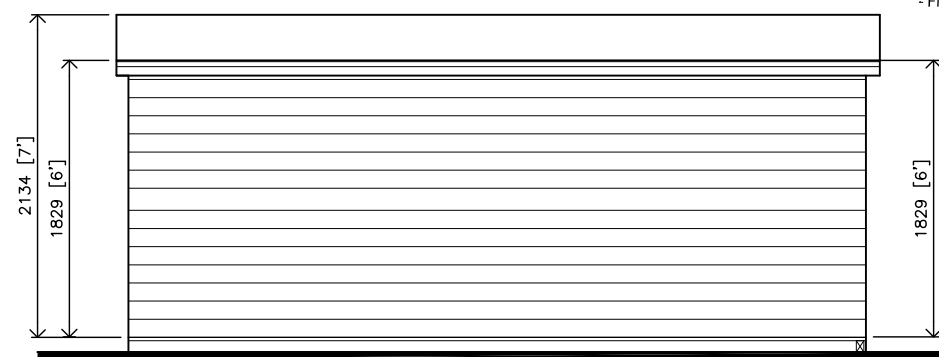
- Holes: Excavate neatly and with vertical sides.
- Concrete mix: GEN1 or ST2 - to BS EN 206-1 using 20mm nominal size graded aggregates
 - Alternative for small batch: the mix should not be leaner by mass than 1 part cement to 10 parts 20mm nom graded aggregates
- All concrete should be thoroughly compacted prior to the initial set.
- Exposed concrete foundations
 - Filling: Compact until air bubbles cease to appear on the upper surface.
 - Finishing: Weathered to shed water and trowelled smooth.



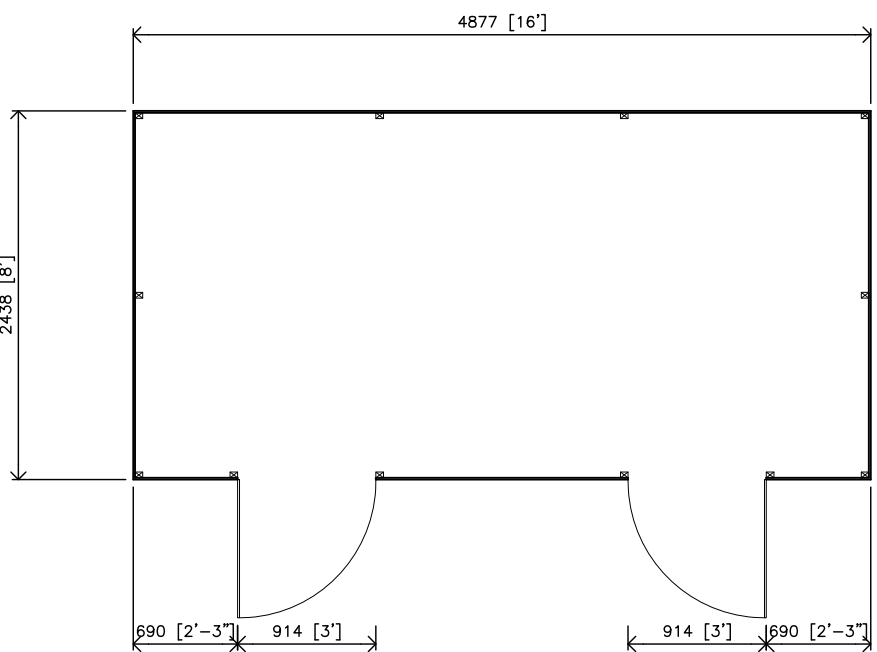
FENCE DETAILS



FRONT ELEVATION



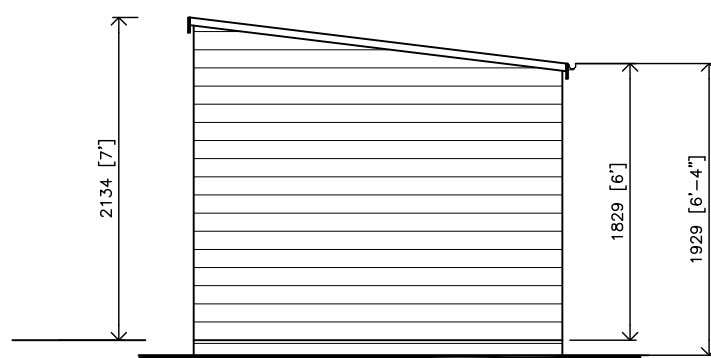
REAR ELEVATION



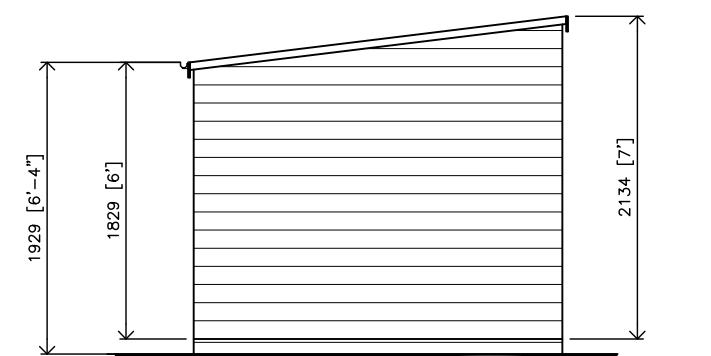
SHED FLOOR PLAN

Shed Specification:

- 12mm T&G throughout
- Floor 12mm PLY or T&G
- 2"x1½" Plained framing
- 2"x2" tanalised under floor
- 3ft (w) doors 5ft 7"(h)
- None tear roofing felt
- Black Upvc gutting at the rear into water butt



SIDE ELEVATION (R)



SIDE ELEVATION (L)

FENCE DETAILS

Details

Details:
The panels are 3000mm wide and heights range from 900 to 1800mm. To achieve fence heights in excess of 1.8m the panels are designed for multi-lift erection, i.e. one or more panels placed above the bottom panel. The panels have a unique and "user friendly" closed beam section located along the top and bottom edge of the panel. With no sharp or raw edges, Roll Top panels are suitable where safety is a consideration. Mesh sizes are 150 x 50mm, and panels are manufactured from heavy 5mm wires, to achieve high levels of rigidity.

Posts

Twilfix 2000 post is manufactured from 60x60 square hollow sections and fitted with M8 threaded inserts for securing panels. Wide range of heights available. Posts come inclusive of top caps (flat or pyramid shaped top caps).

Fence Height m	Panel size height x width mm
0.9	900 x 3000
1.2	1200 x 3000
1.5	1500 x 3000
1.8	1800 x 3000
2.4	2 x 1200 x 3000

Gates

Swing gates available in single and double leaf configuration with a Hyflexor welded mesh infill to match your fence.

Coatings

Panels are manufactured from pre-galvanised wires. An adhesion coating is applied to allow perfect adhesion with the polyester coating (min. 100 micron). Posts are polyester coated with a galvanised substrate in accordance with Euro norm 10147.

Colours

Standard colours are Green RAL6005 and Black RAL9005. Other colours are available on request.



Panels

A welded mesh panel fence that has a rolled top and bottom edge for enhanced safety and rigidity.

Roll Top®

BENEFITS

High rigidity

The rolled beam profile at the top and bottom edge of each panel results in maximum rigidity.

Suitable where safety is a consideration

The principle feature of the panel is the unique rolled beam section at the top and bottom edge. The open mesh profile is also decorative and allows excellent through visibility. These safety features make Roll Top ideal for playgrounds, play areas and parks.

Wide range of options and applications

Available as a complete system in a wide range of colour options for boundary demarcation to general security.

Economical

3m post centres allow for maximum economy of labour and handling.

Maximum height

To achieve fence heights above 1.8m the panels are designed for multi-lift erection i.e. one or more panels are placed above the bottom panel.

Applications

Schools, Sports,
Parks & Play grounds,
Company premises,
Utilities: gas, water,
electric & telecommunications



FENCE DETAILS

Fence Specification Summary:

Type: Roll top fence type:
Height: 1.8m
Colour: Green - RAL6005
Gate: Double gate for a 3m opening

Note:
Fencing posts to be fixed to concrete using steel plate shoe bolted into concrete ground. Shoe plates provided by fence manufacturer.

A	25/06/12	Rear & Side (R) elevations added on	SH
Rev:	Date:	Description:	By:
07762656187 steven@drawit.biz www.drawit.biz 15 Medway Close Barugh Green Barnsley S75 1NV			
Purpose: PLANNING			
Status: PROPOSED			
Dwg of: Plans, Elevations & Details			
Client: Mr P. Harper			
Site Address: The Queen Victoria, Snape Hill			
Darfield, Barnsley, S73 9LP			
Project: Proposed new shed and perimeter fence			
Drawn by: SH	Date: 30/05/2012	Rev:	
Scale: 1:50	Dwg No: 1207_104	A	